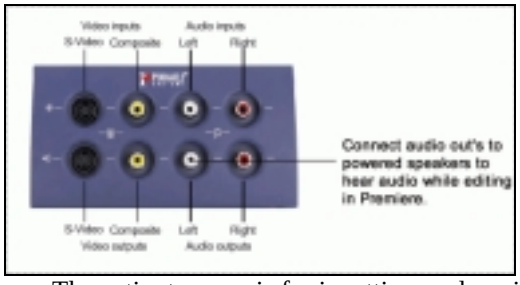
DC30 Plus/Pro Capture and Output for NT and 98

1. Break out box Connections:

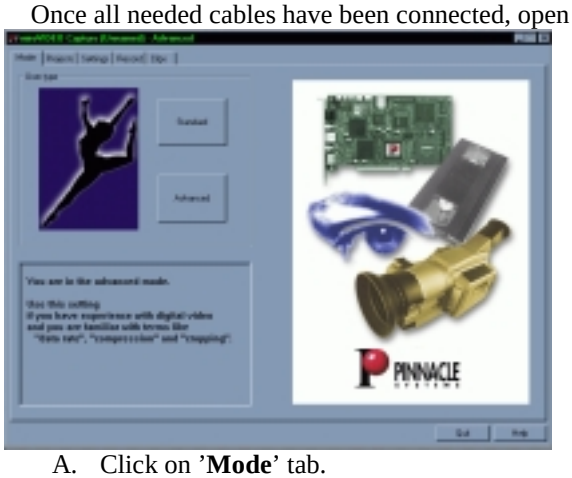


The entire top row is for inputting analog video/audio into the computer, the entire bottom row is for outputting captured analog video/audio to an output device. From left to right is S-video, composite video, and left and right audio.

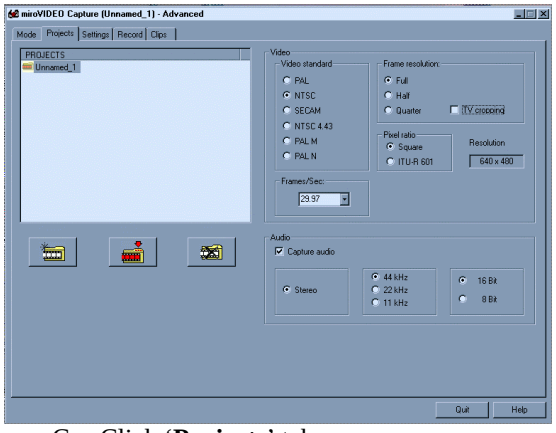
A. Be sure that all cables you are using are firmly placed in correct ports, and the breakout box is securely attached to your capture card.
B. Be sure audio out connections from the breakout box are connected to **external powered speakers** so that audio can be heard while editing video.

2. Capturing Video and audio:

Once all needed cables have been connected, open the miroVIDEO Capture utility.

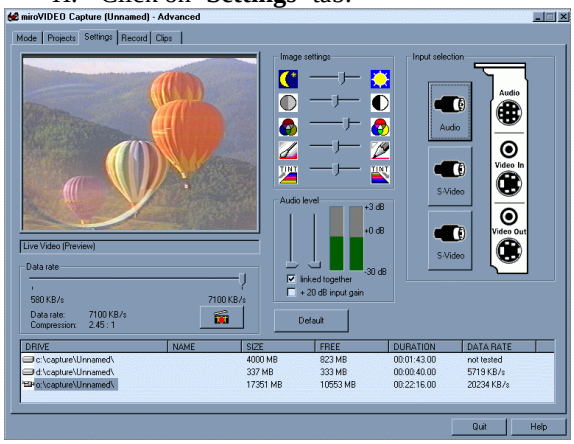


A. Click on '**Mode**' tab.
B. Click on Advanced.

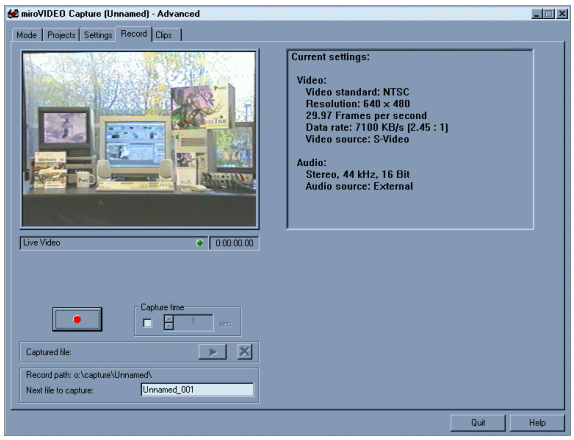


C. Click '**Projects**' tab.
D. Create a new project.
E. Set the settings for you're project.

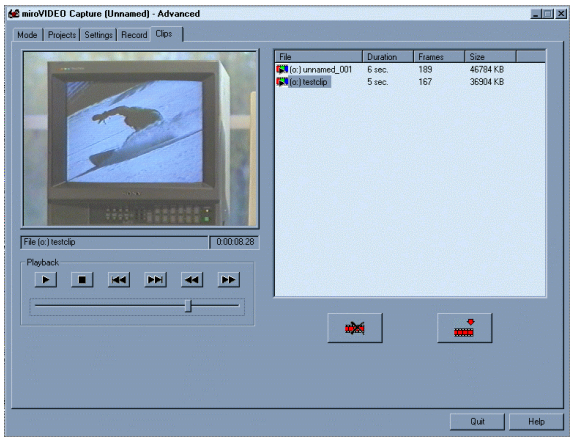
F. Video Standard (NTSC)
G. Frame resolution (Full, with TV cropping not checked and Pixel ratio to Square, resolution will be 640x480)
H. Click on '**Settings**' tab.



I. Set Input/Output settings to either S-Video or composite for Video in the 'Input selection' area.
J. Set audio to desired audio settings in the ' Input selection' area also. Adjust Audio levels to desired volume.
K. Set Image settings for Tint, Contrast, etc….
L. Click on desired drive to capture to. The first time you choose a drive, miroVIDEO Capture will automatically perform a hard disk test to set the default Data Rate settings.
M. You may increase or decrease this setting by using the Data Rate slider. To high a Data Rate may result in dropped frames.
N. Click on the '**Record**' tab.



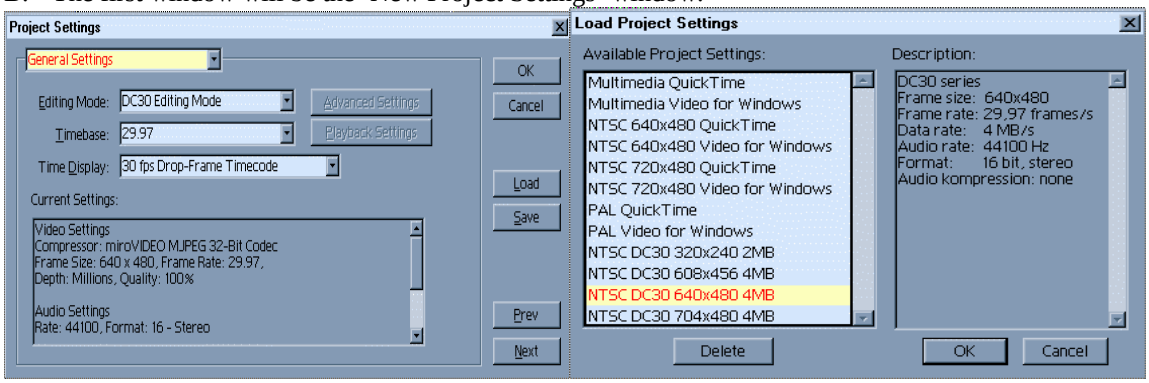
O. You may set the desired time to capture by checking the 'Capture time' box.
P. Type in a name for the clip you are capturing in the 'Next File to Capture' box or use the default name given.
Q. Click on the record button to begin capturing the clip and press 'Esc' key on the keyboard to end the capture.
R. Click the play button to preview your clip. The clip will be saved automatically to your hard drive. If you do not wish to save the clip, press the 'X' button to delete it.



S. Click on the '**Clips**' tab.
T. Here you can view all clips you have captured, delete unneeded clips and jump back or forward to other saved clips within this window.

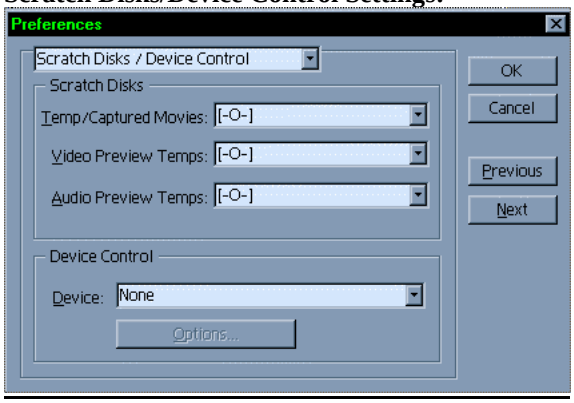
Premiere

A. Open premiere
B. The first window will be the 'New Project Settings' window.



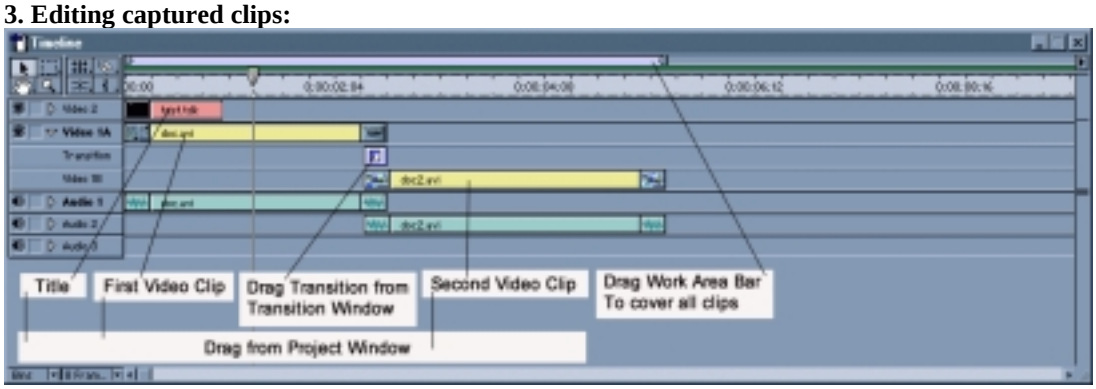
C. Click on the **'LOAD'** button.
D. From the 'Load Project Setting' window, choose a DC30Pro preset (NTSC DC30 640x480 4MB).
E. Click '**OK**'
F. Click '**OK**' again on the 'New Project Settings' window.
G. You are now in a DC30 editing mode.

Scratch Disks/Device Control Settings:



A. Go to file>Preferences>Scratch Disks/Device Control
B. Set "Temp/Captured Movies", "Video Preview Temps" and "Audio Preview Temps" to your dedicated capture drive. **(This drive should be dedicated for capturing, playback, and video & audio previews only)**

3. Editing captured clips:



A. Import the clip's you have just captured. File>Import>File from the drive/folder you saved them to.
B. Hi-light your clip's and click on 'Open'
C. Your clips will now be in Premiere's Project window.
D. Use the mouse and drag the first clip to Premiere's Timeline window on track Video 1A against the left edge of the timeline.
E. You should now see the video and audio track in the timeline.
F. Drag the second clip to Premiere's Timeline on track Video 1B and overlap the end of the clip on track Video 1A.
G. Now click and drag a Transition from the 'Transition' window on to the Transition track on the Timeline, and place it between the spot where Video 1A and Video 1B clips overlap, if you are using more than one clip repeat these steps as necessary.
H. Stretch the "Work Area Bar' to cover the entire project with the mouse, or hold the 'ALT' key and click inside the 'Work Area Bar' at the top of the timeline.
I. Press 'Enter' on the keyboard and Premiere will begin building your project. (**This step must be done for video to output properly**). When preview finishes building, the new project will play in the right target window, and on the output device selected from the Settings tab of the miroVIDEO Capture utility.

4. Outputting your Project:

A. Hook-up the bottom (output) row of the breakout box to your output device.
B. Hook-up audio and video (s-video or composite) to the device you are outputting to.
C. Turn on your recording device, and press 'Enter' on your keyboard. The project is now being sent to the recording device. (File>Export>Print to Video will do the same function. File>Export>Movie will build a single .AVI file to your Hard Disk). If you are recording to a VCR, use your VCR's remote control and **choose the correct input line** or no video will record to tape.

5. Additional Notes:

A. These capturing and editing procedures will work in Win NT and Win98.
B. Win98 users may also capture within Premiere (File>Capture>Movie Capture).
C. Win NT users must use the miroVIDEO capture utility only.
D. To hear audio in WinNT, users MUST have a sound card in the system. You may use the audio out connections from the Break out box (or DC30+ audio out) to connect to the line in on your sound card or to powered speakers to hear audio while editing in Premiere.
E. Win NT will NOT display DC30 as a Video Capture Device from within the Control Panel's Multimedia Properties window.